

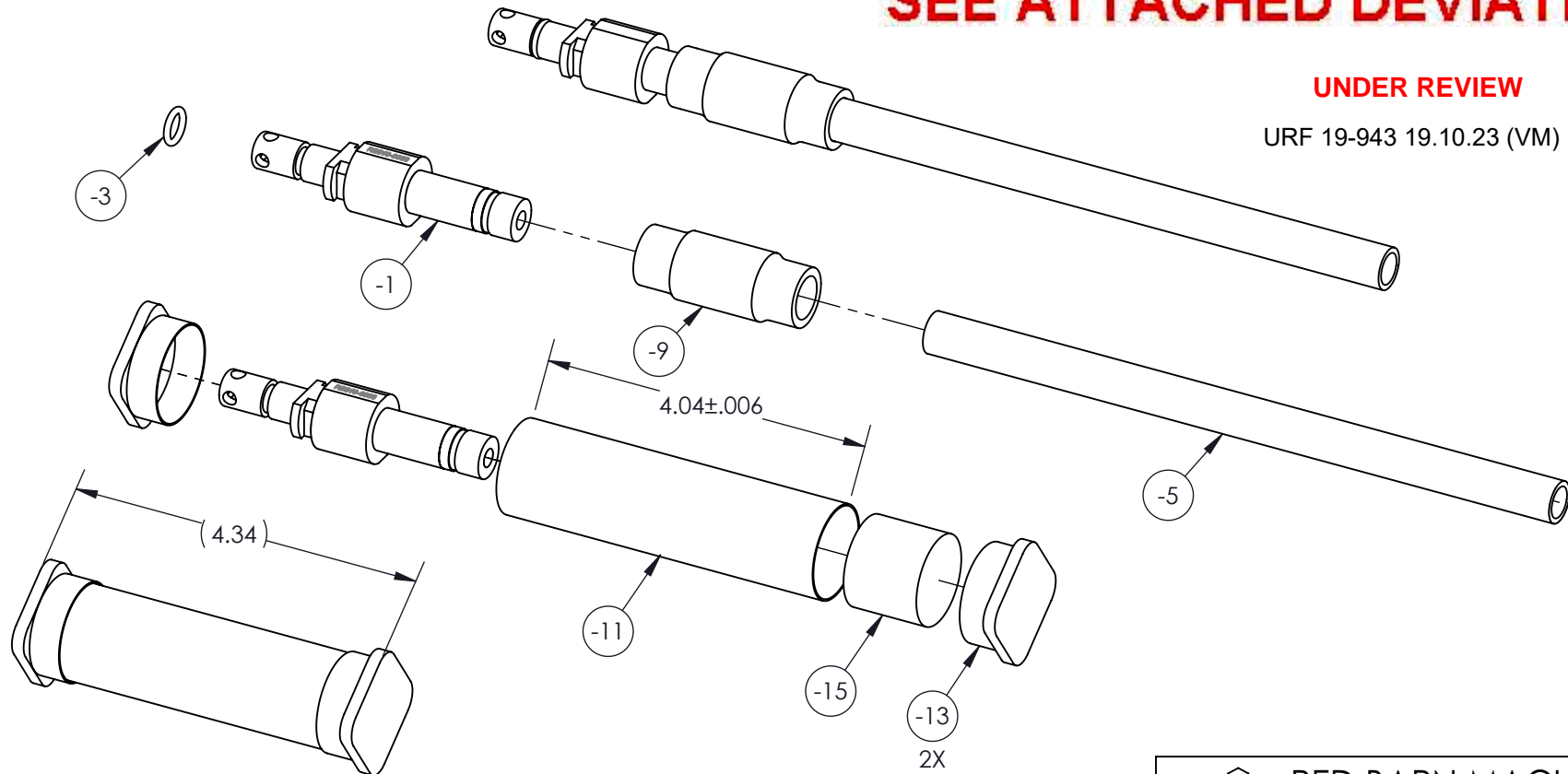
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	SHORTENED LATCH FROM .125 TO .100	9/12/06	WP	
2	CHANGED P/N FROM HF090806, & ADDED FLAT FOR P/N	9/21/06	WP	
3	IMPEMENTED NEW DWG. FORMAT, CONDENSED DIMS., AND ADDED ASSEMBLY VIEW. ALSO REDUCED -1 FROM THREE HOSE RIBS TO ONE.	5/20/08	WP	
4	CH'D -1 CALL OUT FROM MILL A .188 FLAT FOR P/N .081 TEXT PER G.E.	7/27/11	RJC	
5	-1 MODIFIED TO USE -9 COUPLING, ADDED -9, -11, -13, -15 TO BOM. CH'D DIM ON FLATS WAS .188 IS (2X .20 MIN). CH'D HOLE WAS $\phi .25 \nabla$ 1.98 IS $\phi .22$ THRU. ADDED (1.285) DIM. CH'D LATCH WIDTH WAS .432 IS .436. CH'D DIMS ON A-A WAS .100 X 45° IS 2X 45° DELETED .617. -7 DELETED.	1/24/2014	DPD	GE


**SEE ATTACHED DEVIATION**

**UNDER REVIEW**

URF 19-943 19.10.23 (VM)

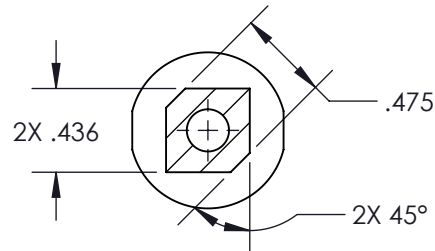


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	QUILL	6061	$\phi 1 \times 3-1/2$	2
		B/O	-3	1	O-RING	VITON	2-011N70 OR MCMMASTER-CARR #9263K642	1
		B/O	-5	1	HOSE	VINYL	$\phi 1/2$ O.D. x $\phi 3/8$ I.D. x 6ft KURI-TECH #K010-0608	1
		B/O	-9	1	COUPLING	NICKEL-PLATED BRASS	$\phi 1/2$ MCMMASTER-CARR #51495K116	1
		B/O	-11	1	TUBE	POLYETHYLENE	$\phi 1.09$ MCMMASTER-CARR #2044T47	1
		B/O	-13	2	CAP	VINYL	$\phi 1.09$ MCMMASTER-CARR #2044T67	1
		B/O	-15	1	FOAM	POLYESTER/POLYURETHANE	$\phi 1 \times 1$ NEW PIG CORP. #PAD210	1

 <b>RED BARN MACHINE</b>	
TITLE <b>T/R GEARBOX DRAIN TOOL</b>	
DWG NO. <b>RB910-0003</b>	REV <b>5</b>
MAT'L	DRAWN BY: <b>PERRITT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE <b>1:2</b>	DATE <b>9/7/2006</b>
SHEET 1 OF 2	

APPROVED *D Weil*  
HEAT TREAT  
FINISH  
SPEC  
USED ON MODEL  
BELL 430

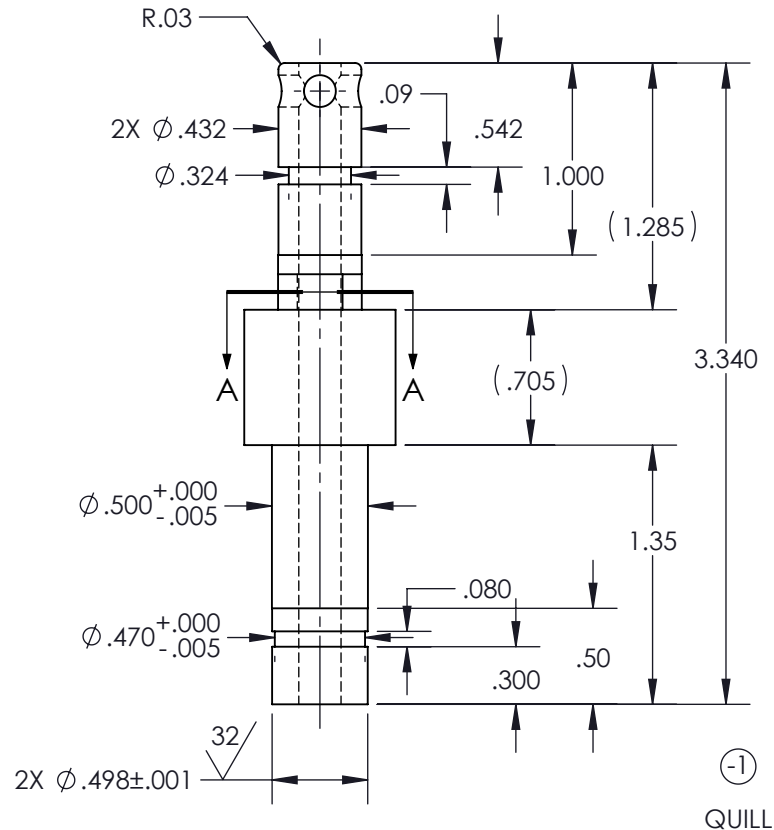
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SECTION A-A

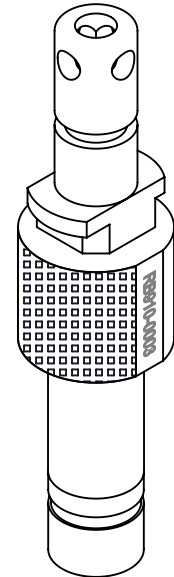
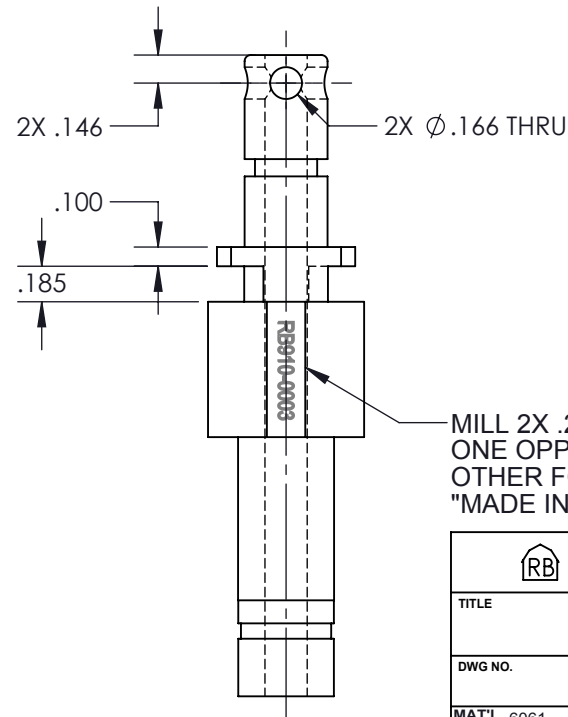
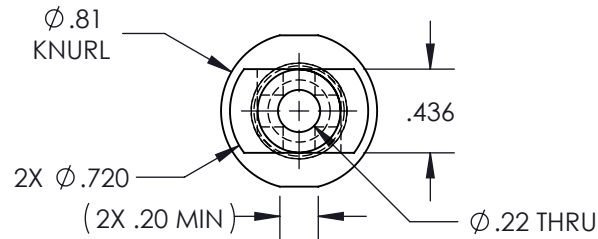
**UNDER REVIEW**

URF 19-943 19.10.23 (VM)



**SEE ATTACHED DEVIATION**

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<b>RED BARN MACHINE</b>	
<b>T/R GEARBOX TOOL</b>	
DWG NO.	REV
RB910-0003-1	5
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH BLACK ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 430
SCALE 1:1	DATE 9/7/2006
SHEET 2 OF 2	

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

<b>Job:</b> _____ <b>Part No.</b> RB910-0003 Rev. 5		<b>DISPOSITION</b> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>		<b>DEPARTMENT/PROCESS</b> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/>																															
<b>Date :</b> _____		<b>Sequence #:</b> _____		<b>QTY Affected :</b> _____		<b>MRB (QSI042)</b> <i>M. Lee</i> Oct 30, 2018																													
<b>Description Work Order Deviation</b>				<b>Disposition</b>																															
Kuri-Tech Hose (K010-0608) easily pulls out of Coupling (McMaster Carr 51495K116)				Install a 1.0" long, 0.38" OD, 0.25" ID piece of Stainless Steel into one end of the Kuri-Tech Hose until flush.  Attach the modified end of the Kuri-Tech Hose to the Coupling before placing tool into packaging (if applicable).  This deviation is acceptable.  The fit, form and function of the part will be as originally intended.				<b>Completed By</b>																											
								<b>Lead hand / Supervisor</b>																											
								<b>QC / QA Coordinator</b>																											
<b>Root Cause</b> Operator <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Presservation <input type="checkbox"/> Material <input type="checkbox"/> Product Improvement <input checked="" type="checkbox"/> Process Improvement <input type="checkbox"/> Human Factors <input type="checkbox"/>				<b>FAULT CATEGORY</b> <table border="0"><tr><td><input type="checkbox"/> Pressure/Forced</td><td><input type="checkbox"/> Contamination</td><td><input type="checkbox"/> Power Loss/Surge</td><td><input type="checkbox"/> Positioned Wrong</td></tr><tr><td><input type="checkbox"/> Bending</td><td><input type="checkbox"/> Misaligned/off center</td><td><input type="checkbox"/> Folio/Program</td><td><input type="checkbox"/> Outside Tolerance</td></tr><tr><td><input type="checkbox"/> Crushing</td><td><input type="checkbox"/> BOM/Route</td><td><input type="checkbox"/> Grain Direction</td><td><input type="checkbox"/> Drawing</td></tr><tr><td><input type="checkbox"/> Cracks</td><td><input type="checkbox"/> Broken/Damage/Defect</td><td><input type="checkbox"/> Weld</td><td><input type="checkbox"/> Finish</td></tr><tr><td><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist</td><td><input type="checkbox"/> Incomplete/Unclear Instructions</td><td><input type="checkbox"/> Wrong Stock Pulled</td><td><input type="checkbox"/> Part Lost/Missing</td></tr><tr><td><input type="checkbox"/> Marks/Chatter</td><td><input type="checkbox"/> Drill Holes</td><td><input type="checkbox"/> Out of Sequence</td><td><input type="checkbox"/> Misread</td></tr><tr><td><input type="checkbox"/> Mislabeled</td><td><input type="checkbox"/> Fit/Function</td><td><input type="checkbox"/> Off-set/Set-up</td><td></td></tr></table>				<input type="checkbox"/> Pressure/Forced	<input type="checkbox"/> Contamination	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Positioned Wrong	<input type="checkbox"/> Bending	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/> Folio/Program	<input type="checkbox"/> Outside Tolerance	<input type="checkbox"/> Crushing	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain Direction	<input type="checkbox"/> Drawing	<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Weld	<input type="checkbox"/> Finish	<input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist	<input type="checkbox"/> Incomplete/Unclear Instructions	<input type="checkbox"/> Wrong Stock Pulled	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Marks/Chatter	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Misread	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Fit/Function	<input type="checkbox"/> Off-set/Set-up	
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Other/Details:																																			

UNDER REVIEW